EXHIBIT B



Databases

Help General Help Formats Gaps Matrix References ClustalW2 Help ClustalW2 FAQ Jalview Help Scores Table Alignment

Guide Tree Colours

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ClustalW2 Results

| Results of search | | | |
|---------------------|--------------------------------------|--|--|
| nber of sequences 4 | | | |
| Alignment score | 9231 | | |
| Sequence format | Pearson | | |
| Sequence type | aa | | |
| JalView . | Stant Jaiview. | | |
| Output file | clustalw2-20100803-1709277804.cutput | | |
| Alignment file | dustalw2-20100803-1709277804.aln | | |
| Guide tree file | clustatw2-20100803-1709277804.dnd | | |
| Your input file | clustalw2-20100803-1709277804.input | | |

To save a result file right-click the file link in the above table and choose "Save Target As". If you cannot see the JalView button, reload the page and check your browser settings to enable Java Applets.

Scores Table

| Sort by Sequence Number View Output File | | | | | | |
|---|------------------------------|-----------------------|--|--|----------------------------------|--|
| SeqA Name | Len(aa) | SeqB | Name | Len(aa) | Score | |
| 1 Fischer_Phlp4> 1 Fischer_Phlp4> 1 Fischer_Phlp4> 2 SEQ#2> 2 SEQ#2> 3 SEO#4> | 10 10 10 500 500 | 2 3 4 3 4 | SEQ#2> SEQ#4> SEQ#6> SEQ#6> SEQ#6> SEQ#6> | 500 500 500 500 500 500 | 30 30 30 99 92 92 | |
| 2 00%" 12 | | | | ======== | | |

PLEASE NOTE: Some scores may be missing from the above table if the alignment was done using multiple CPU mode. Please check the output.

Sort by Sequence Number View Output File

Alignment

| Show Colors | View Alignment File |
|-------------|---|
| | *************************************** |

CLUSTAL 2.0.12 multiple sequence alignment

| | GEO# 45 | AEDDDDDDVKEDETCCTAKFI bekriftwegetategangot tungunggen in a | 60 60 60 |
|--|--|--|-------------------------|
| | SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4> | NASHIQSAVVCGRRHGVRIRVRSGGHDYEGLSYRSLQPEEFAVVDLSKMRAVWVDGKART NASHIQSAVVCGRRHGVRIRVRSGGHDYEGLSYRSLQPEEFAVVDLSKMRAVWVDGKART NVSHIQSAVVCGRRHSVRIRVRSGGHDYEGLSYRSLQPETFAVVDLNKMRAVWVDGKART | 120 120 120 |
| Company of the Compan | SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4> | AWVDSGAQLGELYYAIHKASTVLAFPAGVCPTIGVGGNFAGGGFGMLLRKYGIAAENVID AWVDSGAQLGELYYAIHKASPVLAFPAGVCPTIGVGGNFAGGGFGMLLRKYGIAAENVID AWVDSGAQLGELYYAIYKASPTLAFPAGVCPTIGVGGNFAGGGFGMLLRKYGIAAENVID | 180 180 180 10 |
| | SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4> | VKLVDANGTLHDKKSMGDDHFMAVRGGGGESFGIVVAWKVRLLPVPPTVTVFKIPKKASE VKLVDANGTLHDKKSMGDDHFWAVRGGGGESFGIVVAWKVRLLPVPPTVTVFKIPKKASE VKLVDANGKLHDKKSMGDDHFWAVRGGGGESFGIVVAWQVKLLPVPPTVTIFKISKTVSE | 240 240 240 |
| The second second second second second | SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4> | GAVDIINRWQVVAPQLPDDLMIRVIAQGPTATFEAMYLGTCQTLTPMMSSKFPELGMNAS GAVDIINRWQVVAPQLPDDLMIRVIAQGPTATFEAMYLGTCQTLTPMMSSKFPELGMNAS GAVDIINKWQVVAPQLPADLMIRIIAQGPKATFEAMYLGTCKTLTPLMSSKFPELGMNPS | 200 |
| | SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4> | HCNEMSWIQSIPFVHLGHRDNIEDDLLNRNNTFKPFAEYKSDYVYEPFPKRVWEQIFSTW HCNEMSWIQSIPFVHLGHRDNIEDDLLNRNNTFKPFAEYKSDYVYEPFPKEVWEQIFSTW HCNEMSWIQSIPFVHLGHRDALEDDLLNRNNSFKPFAEYKSDYVYQPFPKTVWEQILNTW | 300 |
| | SEQ#2> | LLKPGAGIMIFDPYGATISATPEWATPFPHRKGVLFNIQYVNYWFAPGAGAAPLSWSKEI | 420 |

| Show as Phylogram Tree Show Distances Right-click on the above tree to see display options. | | Fischer_Phip4> SEQ#2> SEQ#4> SEQ#6> |
|---|---|--|
| Show as Phylogram Tree Show Distances (Fischer_Phlp4>:0.66250, (SEQ#2>:0.00250, SEQ#4>:0.00150) :0.03550, SEQ#6>:0.03750); | View DND File | |
| Show Colors View Alignment File Guide Tree | | ((-) (- |
| SEQ#2> VDPTDYFRNEQSIPPLIKK SEQ#4> VDPTDYFRNEQSIPPLIKK SEQ#6> VDPTDYFRNEQSIPPLIKK Fischer_Phlp4> | Y 500 | |
| | RDIDLGRNEVVNDVSTFSSGLVWGQKYFKGNFQRLAITKGK RDIDLGRNEVVNDVSTFSSGLVWGGKYFKGNFQRLAITKGK RDIDLGRNEVVNDVSTYASGKVWGQKYFKGNFERLAITKGK | 400 |